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PTO/SB/21(08-00)  
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	<b>Application Number</b>	10/634,666	
	<b>Filing Date</b>	August 5, 2003	
	<b>First Named Inventor</b>	Hari Babu Sunkara	
	<b>Group Art Unit</b>	1754	
	<b>Examiner Name</b>	Unknown	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	SO-0026 US NA

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>PTO/SB/08a and PTO/SB/08b with copies of references cited Certificate of Mailing Receipt Card</b>
		<b>Remarks</b>

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm or Individual name</b>	Steven H. Markowitz, Registration No. 27,095
<b>Signature</b>	
<b>Date</b>	November 24, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450 on this date <span style="border: 1px solid black; padding: 2px;">November 24, 2003</span>			
<b>Typed or printed name</b>	Janet E. Abbott		
<b>Signature</b>		<b>Date</b>	November 24, 2003

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Serial Number: 10/634,666  
Attorney Docket: SO-0026 US NA

Transmittal  
Information Disclosure Statement  
Forms PTO/SB/08a and PTO/SB08b w/ references

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Hari Babu Sunkara

Group Art Unit: 1754

Appl. No.: 10/634,666

Examiner: Unknown

Filing Date: August 5, 2003

Attorney Docket No.: SO-0026 US NA

For: HYDROGENATION OF CHEMICALLY DERIVE 1,3 PROPANEDIOL

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB08a and PTO/SB08b are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each of these documents is provided.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that an exhaustive search has been made, or that there does not exist information more material to the examination of the present patent application. The Examiner is specifically requested

not to rely solely on the material submitted herewith. It is further understood that the Examiner will review art of record in all 35 U.S.C. § 120 priority documents.

It is noted that the accompanying forms and documents include co-pending applications 10/634,687, filed August 5, 2003; 10/634,611, filed August 5, 2003; and 10/634,612, filed August 5, 2003.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO/SB/08a and PTO/SB/08b forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 04-1928. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

By: 

\_\_\_\_\_  
Steven H. Markowitz  
Reg. No. 27,095

Date: November 24, 2003  
POTTER ANDERSON & CORROON LLP  
P.O. Box 951  
Wilmington, DE 19899-0951  
Telephone: (302) 984-6139  
Facsimile: (302) 658-1192



PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

of

**2****Complete if Known**

Application Number	10/634,666
Filing Date	August 5, 2003
First Named Inventor	Sunkara et al.
Art Unit	1754
Examiner Name	Unknown
Attorney Docket Number	SO-0026 US NA

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,520,733	08/29/50	Morris et al.	
		US- 5,633,362	05/27/97	Nagarajan et al.	
		US- 3,326,985	06/20/67	Mason et al.	
		US- 5,821,092	10/13/98	Nagarajan et al.	
		US- 5,527,973	06/18/96	Kelsey	
		US- 5,686,276	11/11/97	Laffend et al.	
		US- 2002/0010374	01/24/02	Sunkara et al.	
		US- 2002/0007043	01/17/02	Sunkara et al.	
		US- 6,235,948	05/22/01	Sunkara et al.	
		US- 6,245,844	06/12/01	Kurian et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		DE3917645	06/23/88	Wust		
		EP657529	12/11/93	Ohrem		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/634,666
				Filing Date	August 5, 2003
				First Named Inventor	Sunkara et al.
				Group Art Unit	1754
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	SO-0026 US NA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Copending Application Serial No. 10/634,611, filed August 5, 2003	
		Copending Application Serial No. 10/634,687, filed August 5, 2003	
		Copending Application Serial No. 10/634,612, filed August 5, 2003	
		S.V. CONJEEVARAM, R.S. BENSON, AND D.J. LYMAN, Department of Materials Science and Engineering, University of Utah, Salt Lake City, Utah 84112, Journal of Polymer Science: Polymer Chemistry Edition, Vol. 23, 429-444 (1985)	
		S.M. GHOREISHI AND M.R. HAGHIGHI, Characterization and Reduction of Chromophores In Pulp Mill Effluents, Scientia Iranica, Vol. 4, No. 3, pp 131-138, Sharif University of Technology, October 1997	
		HERBERT O. HOUSE, Modern Synthetic Reactions (second edition), W.A. Benjamin, Inc., Menlo Park, California, Reading, Massachusetts, London, Amsterdam, Don Mills, Ontario, Sydney, 1972	
		SHIGEO NISHIMURA, Professor Emeritus, Tokyo University of Agriculture and Technology, Handbook of Heterogeneous Catalytic Hydrogenation for Organic Synthesis, A Wiley-Interscience Publication, John Wiley & Sons, Inc., New York, Chichester, Weinheim, Brisbane, Singapore, Toronto	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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